

Division of Regulatory Affairs-Region 9
600 Delaware Avenue, Buffalo, New York 14202-1073
716/847-4551

Handwritten: *MLD 10/10/84*
Stamp: *MLD*
Stamp: *3*

October 2, 1984

Great Lakes Carbon Corporation
P.O. Box 667
Niagara Falls, New York 14302

Attention: Plant Manager

Re: Notice of Intent to Modify Pollutant
Discharge Elimination System Permit
No. NY-0000906
DRA #90-84-1236

Dear Sir::

This is to inform you that pursuant to Environmental Conservation Law, Article 17, Title 8 (McKinney's) and 6 NYCRR, Part 757, the New York State Department of Environmental Conservation has made a determination to modify your referenced Pollutant Discharge Elimination System Permit as shown on the enclosed revised Permit which supercedes the previous Permit.

The revisions from the draft of February 9, 1984 are in response to requests from the firm, dated February 24, 1984 and June 7, 1984. Also be advised that the frequency of testing at outfall No. 004 has been changed to weekly.

This modification will become effective immediately unless you either submit, within ten days, a written statement giving reasons why the permit should not be so modified or petition for a hearing, and if no written objection is received by this office from the Regional Administrator of EPA. Any such petition for a hearing shall contain specific evidence to support your contention that a hearing is necessary in accordance with 6 NYCRR, Part 621.

Respectfully,
This permit and its discharge shall expire on midnight of the expiration date shown above and no extensions shall not be granted after the expiration date unless the permit is renewed or extended by the Regional Administrator of EPA. *RPS*
* Nov 1, 1984
Federal Administrator of the Environment, Conservation
RPS/ad 752, 753 Alternate Regional Permit Administrator

Enclosure

cc: Mr. M. Doster, Region 9

Mr. R. Hannaford, BWFD

Niagara Co. Health Dept.

ENCRPB

323712



Copies:
DRA #90-84-1236
D.W. - Region 9 (2)
Niagara County Health Department
EPA - Dr. Baker
ENCRPB

Facility ID No. : NY-0000906
Effective Date (EDP) : June 1, 1981
Expiration Date (ExDP) : June 1, 1986
Modified: : Nov. 1, 1984

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES)
DISCHARGE PERMIT

Special Conditions
(Part I)

This SPDES permit is issued in compliance with Title 8 of Article 17 of the Environmental Conservation Law of New York State and in compliance with the Clean Water Act, as amended, (33 U.S.C. §1251 et. seq.) (hereinafter referred to as "the Act").

Permittee Name: Great Lakes Carbon Corporation

Permittee Street: 6200 Pine Avenue

Permittee City: Niagara Falls State: New York Zip Code: 14302
Attention: Plant Manager

is authorized to discharge from the facility described below:

Facility Name: Great Lakes Carbon Corporation

Facility Location (C,T,V): Niagara Falls County: Niagara

Facility Mailing Address (Street): P.O. Box 667

Facility Mailing Address (City): Niagara Falls State: New York Zip Code: 14302

into receiving waters known as: Pikes Creek (Class "D")

Latitude 43° 05' 30"
Longitude 78° 59' 50"

in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit.

This permit and the authorization to discharge shall expire on midnight of the expiration date shown above and the permittee shall not discharge after the expiration date unless this permit has been renewed, or extended pursuant to law. To be authorized to discharge beyond the expiration date, the permittee shall apply for permit renewal as prescribed by Sections 17-0803 and 17-0804 of the Environmental Conservation Law and Parts 621, 752, and 755 of the Departments' rules and regulations.

By Authority of Richard P. Sweeney, Alternate Regional Permit Administrator
Designated Representative of Commissioner of the
Department of Environmental Conservation

OCT - 3 1984

Date

Richard P. Sweeney
Signature

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

During the period beginning modification date of permit and lasting until June 1, 1986 the discharges from the permitted facility shall be limited and monitored by the permittee as specified below:

<u>Outfall Number & Effluent Parameter</u>	<u>Discharge Limitations</u>		<u>Units</u>	<u>Monitoring Reqsnts.</u>	
	<u>Daily Avg.</u>	<u>Daily Max.</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
002 Non-contact cooling water, stormwater, boiler blowdown					
Flow		monitoring only	MGD	weekly	instantaneous
Temperature	90		°F	weekly	grab
Sulfite	2.0		mg/l	monthly	6 hr. comp.
Sulfite	10.0		lb/day	monthly	6 hr. comp.
Lead, total	2.0		lb/day	monthly	6 hr. comp.
Zinc, total	5.0		lb/day	monthly	6 hr. comp.
pH	6.0-9.0 range		SU	weekly	grab

004 Non-contact cooling water, stormwater

Flow		monitoring only	MGD	weekly	instantaneous
Temperature	90		°F	weekly	grab
pH	6.0-9.0 range		SU	weekly	grab

Notes

- Approximately flows without the admixture of stormwater are as follows:
002 - 0.6 MGD
004 - 0.015 MGD
- The limitations for sulfite, lead and zinc were based upon 0.6 MGD flow.
- Storm drainage waters shall be ditched or piped around all stockpiles to prevent wash of stock pile to surface waters.
- Nalco 2802 and Boiler Water Additive #237* is to be used at concentrations and conditions recommended by the manufacturer and in compliance with the SPDES limitations.
- The permit application must list all the csorrosive/scale inhibitors or biocidal type compounds used by the permittee. If a new boiler/cooling water additive is intended, application must be made prior to use.
- The company may collect hourly grab sample to comply with the 6 hour composite sample type.

* manufactured by Advance Industries, Buffalo, NY

ACTION LEVEL REQUIREMENTS

The parameters listed below have been reported present in the discharge but at levels that currently do not require water-quality or technology-based limits. Action levels have been established which if exceeded will result in reconsideration of Water Quality and Technology based limits.

Routine action level monitoring results shall be appended to the Discharge Monitoring Report (DMR) for the required monitoring period.

If any of the action levels is exceeded, the permittee shall undertake a short-term, high-intensity monitoring program for this parameter. Samples identical to those required for routine monitoring purposes shall be taken on each of three operating days and analyzed. Results shall be expressed in terms of both concentration and mass, and appended to a DMR. The results shall be submitted no later than with the DMR due for the third month following the month of such exceedance. If levels, higher than the action levels, are confirmed, the results shall constitute a revised application and the permit shall be reopened for consideration of revised action levels or effluent limits.

The permittee is not authorized to discharge any of the listed parameters at levels which may cause or contribute to a violation of water quality standards.

<u>Parameter</u>	<u>Action Level</u>	<u>Freq.</u>	<u>Type</u>
Outfall 002			
Methylene Chloride	0.5 lbs/day	Semi-Annually	Grab
2, 4 Dimethyl Phenol	0.6 lbs/day	Semi-Annually	6 hr comp.

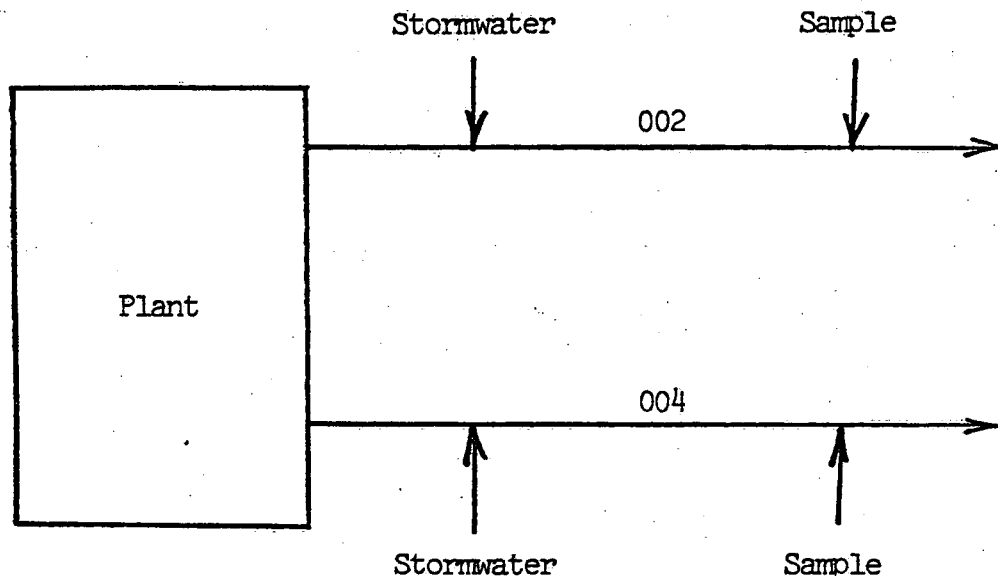
Definition of Daily Average and Daily Maximum

The daily average discharge is the total discharge by weight or in other appropriate units as specified herein, during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges in appropriate units as specified herein divided by the number of days during the calendar month when the measurements were made.

The daily maximum discharge means the total discharge by weight or in other appropriate units as specified herein, during any calendar day.

Monitoring Locations

Permittee shall take samples and measurements to meet the monitoring requirements at the location(s) indicated below: (Show locations of outfalls with sketch or flow diagram as appropriate).



MONITORING, RECORDING AND REPORTING

a) The permittee shall also refer to the General Conditions (Part II) of this permit for additional information concerning monitoring and reporting requirements and conditions.

b) The monitoring information required by this permit shall be summarized and reported by submitting a completed and signed Discharge Monitoring Report form once every 3 months to the Department of Environmental Conservation and other appropriate regulatory agencies at the offices specified below. The first report will be due no later than June 28, 1981. Thereafter, reports shall be submitted no later than the 28th of the following month(s): September, December, March & June.

Chief, Waste Source Monitoring Section
New York State Department of Environmental Conservation
Room 300 - 50 Wolf Road - Albany, New York 12233

New York State Department of Environmental Conservation
Regional Engineer - Region #9
600 Delaware Avenue - Buffalo, New York 14202

Niagara County Health Department
5467 Upper Mountain Road - Lockport, New York 14094

c) If so directed by this permit or by previous request, Monthly Wastewater Treatment Plant Operator's Reports shall be submitted to the DEC Regional Office and county health department or county environmental control agency specified above.

d) Each submitted Discharge Monitoring Report shall be signed as follows:

1. If submitted by a corporation, by a principal executive officer of at least the level of vice president, or his duly authorized representative, if such representative is responsible for the overall operation of the facility from which the discharge described in the Discharge Monitoring Report originates;

2. If submitted by a partnership, by a general partner;

3. If submitted by a sole proprietor, by the proprietor;

4. If submitted by a municipality, State or Federal agency, or other public entity; by a principal executive officer, ranking elected official, commanding officer, or other duly authorized employee.

e) Unless otherwise specified, all information submitted on the Discharge Monitoring Form shall be based upon measurements and sampling carried out during the most recently completed reporting period.

f) Blank Discharge Monitoring Report Forms are available at the above addresses.